

# IntelliColor Display/20e

The next generation in professional two-page color displays, the Radius IntelliColor Display/20e™, delivers unrivaled command of your desktop – from on-the-fly resolution switching to state-of-the-art color temperature control.

Combined with Radius IntelliColor software, the high-resolution IntelliColor Display/20e allows you to emulate three different lighting conditions and adjust the color temperature yourself, so you get more accurate color representations. That way you can see how your designs will look when they're viewed on a typical office monitor, under typical office lighting, or out in daylight.

When you use the IntelliColor Display/20e in combination with a Radius LeMansGT™ card, PrecisionColor® graphics card, or the built-in video on a Centris, Quadra, or Power Macintosh™ system, you can switch resolutions and color depths on the fly. Which means you can switch from an 1152 x 870 two-page layout to large, 24-bit detail work in a matter of seconds. Or use the display to play back multimedia presentations at 640 x 480 resolution for the biggest picture.



## The Intelligent 20" Color Display for Macs.

### **Built-in video compatibility**

Because a video interface is built into most new Macintosh models, you might not need an additional interface card. With most Quadra, Centris, and Power Macintosh models, you get 16-bit color at 832 x 624 resolution, and 1152 x 870 resolution in 8-bit mode. You still get all of the IntelliColor software capabilities, too. However, for fast, 24-bit performance, a LeMansGT interface is recommended.



### **Ongoing return on your investment**

Radius' IntelliColor Display/20e surpasses all of the compliance guidelines in the EPA Energy Star Program. So power consumption is reduced to less than 15 watts when in stand-by mode, extending

the life of the display unit at a fraction of traditional costs.

### **Command of color temperature**

To match the lighting and viewing conditions for your final work without losing brightness, the IntelliColor Display/20e provides greater color accuracy – by letting you adjust color temperature from 5000K to 6500K and 9300K, or simply define the temperature yourself.

**Software Image Control** A bi-directional, serial interface allows you to control display adjustments through your Mac. Using a Radius LeMansGT, PrecisionColor interface or Mac built-in video, the Macintosh communicates with the display's micro processor via the included serial cable.

### **Ergonomically compliant**

The IntelliColor Display/20e meets the Swedish MPR II ergonomic guidelines, ensuring a healthier work environment and reduced eye strain through electromagnetic shielding and a bonded anti-glare panel. A front control panel and a tilt-swivel base further deliver optimal ergonomic work conditions.

### **User-friendly, multi-lingual control panel**

The multi-lingual user interface makes it easy for you to change languages (English, Japanese, German, French, Spanish and Italian) on the fly.

### **All-encompassing software**

IntelliColor software for the IntelliColor Display/20e provides control over color temp-

erature, convergence, image size and position, rotation (tilt), brightness, contrast, bow, bow balance, keystone, and keystone balance.

### **Unique service/support programs**

The IntelliColor Display/20e, like all Radius products, comes with an exclusive Worry-Free Warranty\*. If for any reason your IntelliColor Display/20e product fails to work as promised, we'll provide free overnight delivery and replacement of a new one. It's all part of Radius' commitment to provide you with hassle-free support programs that minimize downtime and maximize your productivity. Just call 408/434-1012 in the U.S., 416/777-9900 in Canada or 0483-772773 in the U.K. to find out.

This monitor is Energy Star compliant when used with a computer equipped with Display Power Management Signalling (DPMS). The Energy Star emblem does not represent EPA endorsement of any product or service.

\*U.S., Canada and U.K. only. For other regions contact your local supplier for warranty information.

**radius®**

# IntelliColor Display/20e Specifications

## System Requirements

IntelliColor Display/20e works with Power Macintosh™, Macintosh, PC, AT, PS/2, and compatible computers.

### Display

CRT  
Size  
Phosphor Trio Pitch  
Standard View Area  
Maximum View Area  
Focusing

Phosphor Type  
Surface Treatment  
Video Connectors  
IntelliColor Interface  
Scanning Frequency Range

Video Input  
Control Modes  
Resolutions

Power Supply  
Power Consumption  
Power Saver  
System Compatibility

### Preset Resolutions

Trinitron Color Tube  
20 inch  
0.31mm  
360mm x 270mm (14.2" x 10.6")  
387mm x 292mm (15.2" x 11.5")  
In-line Gun with Quadrupole Lens for Dynamic Focus and Astigmatism Correction  
P22, Medium Short Persistence  
Multi-Layer AR (Anti-Reflection) Bonded Panel  
HD15/DB15  
RS-232  
Horizontal 29 – 85kHz  
Vertical 50 – 150Hz  
Analog 0.7Vp-p, 75ohms  
10 factory presets, 15 user programmable settings  
From 640 x 480 to 1380 x 1040 at 75Hz and 1600 x 1200 at 63Hz refresh rate  
90V-132VAC/220V-240VAC; 50/60Hz, Auto-switching  
150W, max; Power Saving Mode: 10W  
As defined by VESA – DPMS  
Mac II series, Quadra, Centris, Power Macintosh, IBM PC compatible

Horizontal	Vertical	Refresh Rate	DPI
1380	1040	75Hz	98
1280	1024	74Hz	93
1152	870	71Hz	83
1152	870	75Hz	82
1024	768	75Hz	72
832	624	75Hz	56
800	600	72Hz	56
640	480	67Hz	45
640	480	60Hz	45
640	400	70Hz	37

Video Bandwidth  
Color Temp. Selection  
Degaussing

Greater than 100MHz  
9300 K/6500 K/5000 K, User definable (with Radius IntelliColor)  
Automatic Power-on degauss

### Operating Environment

Temperature  
Humidity  
Altitude  
Weight  
Size (W, H, D)  
with Tilt/Swivel stand

50 – 105 °F, 10 – 40°C  
10 – 80% non-condensing  
Sea level to 10,000 feet  
67 lbs. (30 kgs)/net; 78 lbs. (35 kgs)/gross  
15.9" x 18.7" x 19.7" (404 x 474 x 501 mm)

### Regulatory Approval

Safety  
EMI

UL, CSA, TUV GS  
FCC Class B, DOC Class B, TUV RFI, VCCI-2  
Ergonomics TUV Ergonomie Geprüft, MPR II

### Radius Supporting Software

#### User Controls

Front

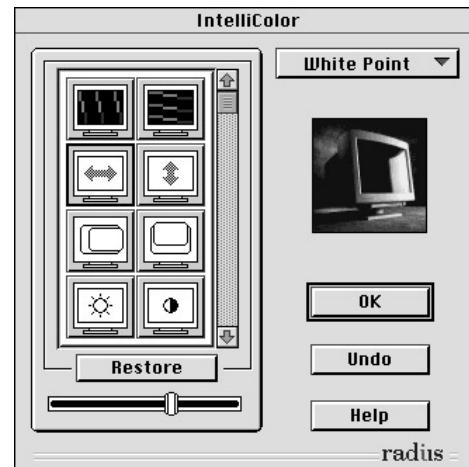
Power Switch, Contrast, Brightness, Side Pin Cushion, V-Centering, H-Centering, V-Height, H-Width, Tilt, Color Temperature, Reset, Rotation

All of the above plus User Definable Color Temperature (Macintosh only)

#### Product Number

0461

### IntelliColor Controls



For the Radius Authorized Reseller nearest you, call (800) 227-2795 (U.S. & Canada only).

For the name of your Radius International Distributor, call (408) 434-1010 or Fax: (408) 955-1541.

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